

obscurely rufo-piceous. Abdomen: the basal segment with bright yellow pubescence, on the second and third it is black, and on the following segments it is bright ferruginous; beneath, obscurely ferruginous, and the segments fringed with rufo-fulvous pubescence.

Length  $9\frac{1}{2}$  lines.

*Hab.* Moolaiyet. Alt. 3-6000 ft.

19. *APIS INDICA*, Fabr., Ent. Syst., Supp. p. 274.

20. *APIS FLOREA*, Fabr., Ent. Syst., II, p. 341.

21. *TRIGONA TERMINATA*, n. sp.

Worker. Black: head and thorax semiopaque, abdomen smooth and shining. The anterior margin of the clypeus, the labrum, mandibles, and basal half of the scape in front, pale ferruginous; the apical joint of the flagellum pale. The margins of the mesothorax pale ferruginous; the scutellum fringed with short fulvous pubescence, the tarsi, except the basal joints, ferruginous; wings hyaline and iridescent, the nervures and tegulae testaceous. The base and apex of the abdomen rufo-testaceous, the former with two black spots; beneath pale rufo-testaceous.

Length  $2\frac{1}{2}$  lines.



XII.—*Preliminary diagnoses of new Coleopterous Insects belonging to the families Dytiscidæ, Staphylinidæ, and Scarabæidæ obtained by the late DR. F. STOLICZKA during the 2nd mission to Yarkand under SIR DOUGLAS FORSYTH.—By D. SHARP.*

### DYTISCIDÆ.

#### 1. *Agabus dichrous.*

*A. oblongo-ovalis, nitidus, subitus niger, supra testaceus, vertice nigro, rufo-bimaculato, antennis pedibusque testaceis, femoribus in medio late nigris; scutello fuso; elytris apicem versus vix fusco-nebulosis.* Long. 8 mm., lat. 4 mm.

*Hab.* A single male individual found on the road across the Pámir from Sarikol to Panjah.

#### 2. *Ilybius cinctus.*

*I. ovalis, angustulus, parum convexus, subitus ferrugineus; supra fusco-æneus, prothoracis elytrorumque lateribus late testaceis; subnitidus, subtilissime reticulatus.* Long.  $8\frac{1}{4}$  mm., lat. vix  $4\frac{1}{2}$  mm.

*Hab.* Yangihissár.

## STAPHYLINIDÆ.

1. *Tachinus stoliczkæ.*

*T. parvulus, sub-depressus, niger, elytris castaneis vel piceo-castaneis, antennis pedibusque sordide testaceis; prothorace fere impunctato, elytris parce punctatis, obsolete strigosulis, abdomine sat crebre sub-obsolete punctato.* Long. 6 mm., lat. 1 $\frac{1}{2}$  mm.

HAB. On the road across the Pámir from Sarikol to Panjah.

2. *Philonthus stoliczkæ.*

*P. rubido, Er. similis et affinis: angustulus, sub-parallelus, niger, elytris rufis, antennis fuscis, basi cum pedibus testaceis, abdominis segmentis ferrugineo-marginatis; thorace angustulo, subparallello, serie discoidali punctarum 5, et punctis lateralibus sat numerosis, elytris rufis basi summo paullo obscuriore, crebre, fere fortiter punctatis; abdomine dense, æqualiter subtiliterque punctato, opaco.* Long. 5 mm.

HAB. Yárdand.

3. *Philonthus pamirensis.*

*Ex. affinitate Staph. tenuis, Fabr. Angustulus, haud parallelus, niger, elytris rufis, antennis pedibusque posterioribus fuscis, illarum basi pedibusque anterioribus testaceis; abdomine subtiliter punctato.* Long. 6 mm.

HAB. On the road across the Pámir from Sarikol to Panjah.

## SCARABÆIDÆ.

1. *Onthophagus concolor.*

*O. niger, fere nudus, supra opacus, subtus sat nitidus; prothorace peropaco, parcus subtiliter punctato, lateribus ad angulos anteriores evidenter sinuatis; elytris subtiliter striatis, interstitiis parcus et subtiliter punctatis, punctis haud perspicue setigeris.* Long. 7—9 mm.

Masc. *Capite vertice medio breviter tuberculato, prothorace fere mutico.*

Fem. *Capite medio lineâ curvatâ sat elevatâ, vertice medio laminâ elevatâ (ad apicem plus minusve emarginatâ) brevissimâ*

HAB. Sind valley, Káshmir; and Murree, Panjáb hills.

2. *Aphodius æger.*

*A. Scarabæi granarii, Lin. similis; oblongus, leviter convexus, nitidus, niger, elytris piceis vel fere nigris, pedibus rufis, clypeo medio emarginato, fronte fere muticâ; prothorace subtiliter punctato, versus latera punctis*

*majoribus crebribus, margine basali integro, angulis posterioribus sinuatis; elytris vix subtiliter striatis, striis indistincte crenatis, 7° et 8° ante apicem conjunctis, humeris longius ciliatis.* Long. 5—5½ mm., lat. 2½ mm.

HAB. Two small specimens were found at Yangihissár; of some others the exact locality is not recorded.

### 3. *Aphodius kashmirensis.*

*A. niger, nitidus, sat convexus, pedibus rufo-piceis, antennis rufis, clavá fuscá; clypeo anterius emarginato, et utrinque subacute prominulo; prothorace punctis magnis profundis sat numerosis, aliisque minutis, margine basali distincto, sulculo ante eum crenulato, elytris fortiter crenato-striatis, intersticiis subtilissime sparsim punctatis.*

Long. 6—6½ mm., lat. 3½ mm.

HAB. Drás, Kargil and Leh, in Ladák.

### 4. *Aphodius tenuimanus.*

*A. Aphodii melanosticti, Er. persimilis; oblongus, subconvexus, nitidus, infuscato-testaceus, capite thoraceque nigris, hoc lateribus testaceis; elytris luteis, maculis dorsalibus 4 vel 5, strigáque sublaterali nigris, pedibus metasternoque medio testaceis; fronte medio vix tuberculato; tibiis anterioribus tenuibus, intus conspicue ciliatis.* Long. 5—6 mm.

The exact locality where Dr. Stoliczka procured the specimens is unknown.

### 5. *Geotrupes kashmirensis.*

*G. Geotrupis stercorarii (Haroldi) persimilis, sed elytris longioribus; oblongo-ovalis, supra viridescente-niger, nitidus, subtus purpureus, fulvo-pubescent; antennis piceo-rufis; mandibulis extus rotundatis, ad apicem leviter unisinuatis; elytris striis 14, minus distincte punctatis; abdome etiam in medio punctato, sed illo minus pubescente; tibiarum posticarum cariná tertia (ab apice) omnino carente.* Long. 24 mm., lat. 13 mm.

HAB. Drás, Kargil or Leh, two individuals.

### 6. *Hoplia concolor.*

*H. oblonga, sat elongata, ferruginea, squamulis pallide griseis, magnis, fere æqualiter vestita; tarsorum posticorum unguiculo mutico.* Long. 8 mm., lat. 4½ mm.

HAB. Kugiár.

7. *Serica laeticula*.

*S. obovata*, *convexa*, *nitidula*, *tantum abdomine opaco*, *brunneo-ferruginea*; *prothorace fortiter punctato*, *elytris seriatim punctatis*, *seriebus leviter depresso*, *interstitiis planis*, *tantum juxta series punctatis*; *antennis 10-articulatis*, *flabelli articulo primo apice emarginato*. Long.  $8\frac{1}{2}$  mm., lat. 4 mm.

Locality not recorded.

8. *Lachnostenra stridulans*.\*

*L. testacea*, *capite, thorace scutelloque fere ferrugineis*, *supra opaca*, *opalescens*, *subtus abdomine inflato nitido*, *pectore minus dense villoso*; *capite brevi*, *fortiter punctato*; *prothorace sparsim punctato fortiter transverso*, *margine laterali integro*, *sinuato*, *angulis posterioribus obtusis*; *elytris sat crebre parum profunde punctatis*. Long.  $15\frac{1}{2}$  mm., lat. 8 mm..

HAB. Murree, a single individual.

9. *Lachnostenra stoliczkæ*.

*L. oblonga*, *picea*, *nitida*, *pectore prosternoque griseo-villosis*; *capite haud parvo*, *clypeo fortiter reflexo-marginato*, *anterius vix emarginato*; *prothorace lateribus rotundatis*, *anterius quam posterius magis angustato*, *crebrius punctato*, *angulis posterioribus obtusis*, *margine laterali serrato*; *elytris crebrius fortiter punctatis*, *areis longitudinalibus parcis punctatis*, *haud argute elevatis*. Long. 15—16 mm., lat. 8 mm.

HAB. Murree.

\* I am acquainted with only one other species closely allied to this, it is as yet undescribed and is labelled in my collection “*Ancylonycha pulvinosa*, Reiche, India bor”; it has the same appearance as *L. stridulans*, and has, like it, the epipleural line finely crenulate, but it differs considerably in the structure of the antennæ and of the claws; in *Lachnostenra stridulans*, the flabellum of the antenna is rather long, and composed of five joints, the first is, however, very short, not half the length of the second, which itself is a good deal shorter than the three following ones; the claws are divided into two rather divergent portions of equal length. In the undescribed Reichean species the flabellum is short and composed only of three joints, and the claws of the feet are strongly dentate in the middle.

I add a short diagnosis of this insect.

LACHNOSTERNA PULVINOSA, n. sp. *Ferruginea*, *elytris dilutioribus*, *supra opaca*, *opalescens*, *subtus abdomine inflato*, *medio nitido*, *pectore parcis villoso*; *capite brevi dense rugoso-punctato*; *prothorace sparsim punctato*, *punctis in margine anteriori magnis*, *fortiter transverso*, *lateribus valde sinuatis*, *in medio per dilatatis*, *angulis posterioribus valde obtusis*, *margine laterali subcrenulato*; *elytris sat crebre subtiliter punctatis*. Long. 16 mm.

10. *Rhizotrogus bilobus.*

*R. antennis 10-articulatis; oblongus, colore variabilis, ferrugineus vel piceus, subopacus, prothorace in medio sèpius nitido, ad latera albido-pruinoso; clypeo in medio profunde emarginato; prothoracis lateribus anterius crenulatis; elytris indistincte et inequaliter punctatis, lateribus dense ciliatis; pygidio ventreque pruinosis; pectore prosternoque dense villosis.*

Long.  $17\frac{1}{2}$ —20 mm., lat. 9—10 mm.

HAB. Yangihissár and Kugiár, Eastern Turkestan.

11. *Anomala stoliczkæ.*

(Genus *Callistethus*, Blancl.) *A. ovata, minus convexa, lètissime viridis, nitidissima; elytris subopacis, antennis nigris; capite thoraceque lèvivagatis; elytris seriebus duplicatis punctorum tribus, et inter eas sat crebre punctatis.* Long.  $12\frac{1}{2}$  mm., lat.  $6\frac{1}{2}$  mm.

HAB. A single individual was found at Murree.

12. *Adoretus nudiusculus.*

*A. testaceus, clypeo ferrugineo, fronte fusca, nitidula, parcius brevissimeque setosus; prothorace fortiter punctato, lateribus subcrenulatis, angulis posterioribus omnino rotundatis; elytris obsolete costatis, fortiter punctatis.*

Long.  $9\frac{1}{2}$  mm., lat.  $5\frac{1}{4}$  mm.

HAB. Jhelum valley, a single individual.

13. *Adoretus simplex.*

*A. angustulus, parallelus, sat elongatus, densius albido-setosus, subopacus, subtus parcius setosus, nitidus; clypeo rotundato, in medio alte reflexo; prothorace basi æqualiter et tenuiter marginato, angulis posterioribus rotundatis; elytris obsolete costatis, crebius punctatis.*

Long. 10 mm., lat.  $4\frac{1}{2}$  mm.

HAB. Jhelum valley.

14. *Pentodon truncatus.*

*P. nigro-piceus, nitidus, capite anterius truncato, angulis inter se distantibus, tuberculo longitudinali acuto, fronte in medio tuberculis duobus minutis; prothorace fortiter punctato, basi ad angulos posteriores tenuiter marginato. Elytris sat crebre haud profunde punctatis, seriebus duplicatis haud distinctis.* Long. 19—20 mm., lat. 12 mm.

HAB. Kugiár. Two individuals, which are no doubt both males.

**15. Pentodon pumilus.**

*P. nigro-piceus, nitidus, capite anterius truncato, angulis inter se distantibus, tuberculo longitudinali acuto, fronte in medio tuberculis duobus minutis; prothorace fortiter punctato, basi ad angulos posteriores tenuiter marginato; elytris fere dense, subrugulose punctatis, seriebus duplicatis haud distinctis.*

Long.  $14\frac{1}{2}$ — $15\frac{1}{2}$  mm., lat. 9—10.

HAB. Kugiár.

